

FIBERLINE COMPOSITES

Sequence

► Start

Program of calculation

Text as to the properties of the program

New construction

FIG. 4a

FIBERLINE COMPOSITES

Sequence

► Start

New construction

Type of construction: beam

Type of profile: angle profiles mm

Dimensions: 50/50/6 H/B/T

Length: m

Rotation: 0

Return

Create construction

FIG. 4b

FIBERLINE COMPOSITES

Sequence

► Start

New construction

Type of construction: beam ▼

Type of profile: angle profiles ▼ mm

Dimensions: U-profiles | H/B/T

Length: Reinforced tubes

Rotation: I-profiles ▼

Rotation: 0 ▼

Return
Create construction

FIG. 4c

FIBERLINE COMPOSITES

Sequence

► Start

New construction

Type of construction: beam ▼

Type of profile:  ▼ mm

Dimensions: 100/100/12 ▲ H/B/T

Length: 80/80/8

Rotation: 100/100/8

Rotation: 100/100/10

Rotation: 100/100/12


Rotation: 150/150/8





Rotation: 150/150/10

Rotation: 100/150/8 ▼

Return
on

FIG. 4d

  
FIBERLINE COMPOSITES


<p><u>Sequence</u></p> <p>Start</p> <p>▸ Statics</p> <p>Load case</p> <p>Load combination</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Supports</div> <div style="display: flex; gap: 10px;"><div style="border: 1px solid black; width: 15px; height: 15px; display: flex; align-items: center; justify-content: center;"></div><div style="border: 1px solid black; width: 15px; height: 15px; display: flex; align-items: center; justify-content: center;"></div><div style="border: 1px solid black; width: 15px; height: 15px; display: flex; align-items: center; justify-content: center;"></div><div style="border: 1px solid black; width: 15px; height: 15px; display: flex; align-items: center; justify-content: center;"></div></div>	<div style="border: 1px solid black; height: 100px; position: relative;"><div style="position: absolute; top: 10px; left: 10px; right: 10px; border-bottom: 1px solid black;"></div><div style="position: absolute; top: 10px; left: 40px; width: 15px; height: 15px; border: 1px solid black; border-radius: 50%;"></div><div style="position: absolute; top: 10px; left: 55px; width: 150px; height: 10px; border: 1px solid black;"></div><div style="position: absolute; top: 10px; left: 565px; width: 15px; height: 15px; border: 1px solid black; border-radius: 50%;"></div></div>
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Properties of the spring support: delete

Position: 6.719 ▼ metres from the left

Rigidity: infinite ▼ kN/m

FIG. 4e

  
FIBERLINE COMPOSITES

<p><u>Sequence</u></p> <p>Start</p> <p>Statics</p> <p>▸ Load case</p> <p>Load combination</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Loadings</div> <div style="display: flex; gap: 10px;"><div style="border: 1px solid black; width: 15px; height: 15px; display: flex; align-items: center; justify-content: center;"></div><div style="border: 1px solid black; width: 15px; height: 15px; display: flex; align-items: center; justify-content: center;"></div><div style="border: 1px solid black; width: 15px; height: 15px; display: flex; align-items: center; justify-content: center;"></div><div style="border: 1px solid black; width: 15px; height: 15px; display: flex; align-items: center; justify-content: center;"></div></div>	<div style="border: 1px solid black; height: 100px; position: relative;"><div style="position: absolute; top: 10px; left: 10px; right: 10px; border-bottom: 1px solid black;"></div><div style="position: absolute; top: 10px; left: 40px; width: 15px; height: 15px; border: 1px solid black; border-radius: 50%;"></div><div style="position: absolute; top: 10px; left: 55px; width: 150px; height: 10px; border: 1px solid black;"></div><div style="position: absolute; top: 10px; left: 565px; width: 15px; height: 15px; border: 1px solid black; border-radius: 50%;"></div><div style="position: absolute; top: 60px; left: 600px; width: 40px; height: 20px; border: 1px solid black; display: flex; align-items: center; justify-content: center;"><div style="width: 10px; height: 10px; background-color: black; margin-right: 5px;"></div><div style="width: 10px; height: 10px; background-color: black; margin-right: 5px;"></div><div style="width: 10px; height: 10px; background-color: black;"></div></div></div>
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Properties of the spring support: delete

Position: 6.719 ▼ meters from the left

Rigidity: infinite ▼ kN/m

FIG. 4f

FIBERLINE COMPOSITES

Sequence

Start

Statics

Load case

► Load combination

Load combination:

Duration: Short-term state ▼

Operation temperature: -20 ▼

Type of calculation: limiting state for the utilisation ▼

Limit of deflection: degree of deflection ▼

Load case:  
If convenient, indicate  
a name for the load  
combination

Name: Coefficient

Unnamed 0 ▲▼

Calculate

FIG. 4g